# Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 09 Apr 2021 until 23:59 on Saturday 10 Apr 2021

Forecast Issued on Thursday 08 Apr 2021 at 15:47

**Confidence:** High for general development, with north or northeasterly flow, but low for precipitation type and details.

**Headline for Friday 09 Apr 2021:** Cloud and rain clearing shortly after midnight to a bright and mainly dry day.

**Mountain weather hazards on Friday 09 Apr 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
No Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
Medium Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Sleet | Cloudy | Partly cloudy (night) | Sunny intervals | Sunny | Sunny | Sunny | Clear night |
| Precipitation probability | | | | | | | |
| 50% | 30% | 10% | 10% | <05% | <05% | <05% | <05% |

**Forecast for Friday 09 Apr 2021**

**Weather:** Rain and sleet easing shortly after midnight and skies clearing around dawn to leave a dry, bright and sunny day. Clear skies will remain overnight leading to a cold conditions with an early frost.

**Chance of cloud free mountain/hill tops above 600m:** 50% quickly becoming >90% as the precipitation clear during the early morning.

**Visibility:** Moderate to poor initially, improving to excellent conditions when the rain and sleet clears. Cloud bases around 400-500m in the south at first, especially in west facing upslopes, soon lifting above the tops

**Forecast for Friday 09 Apr 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 20/29 W | 13/20 W | 8/14 NW | 9/13 NW | 11/18 NW | 13/20 NW | 9/16 NW | 7/13 N | 6/9 N |
| **300** | 14/30 W | 8/20 W | 4/11 NW | 8/14 NW | 7/15 NW | 10/19 NW | 7/15 N | 6/12 N | 4/9 N |
| **Valley** | 10/24 W | 5/15 NW | 3/8 N | 6/12 NW | 8/16 NW | 10/19 NW | 7/15 NW | 6/13 N | 4/8 NE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 1/-6 | -0/-6 | -2/-6 | -0/-4 | 2/-2 | 2/-2 | 1/-3 | -2/-5 | -3/-6 |
| **300** | 3/-2 | 2/-2 | 0/-2 | 3/-0 | 6/3 | 6/3 | 4/1 | 0/-3 | -2/-4 |
| **Valley** | 4/1 | 2/-0 | 1/-1 | 5/2 | 7/5 | 7/4 | 5/3 | 1/-2 | -1/-3 |
| **Freezing Level*** | 600m | 400m | 200m | 300m | 300m | 300m | 300m | 100m | 00m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling cold in the early hours with strong winds and rain, but steadily improving by dawn as the winds and rain ease. Feeling milder during the day with an increased UV risk in prolonged sunny spells.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Thu 08 Apr 2021 | 4mm | 4.4mm | 4.6mm |

**Forecast for Saturday 10 Apr 2021**

**Weather:** A frosty start and staying cold throughout the day with a moderate northeasterly wind. Cloud increasing into the afternoon with occasional showers of sleet or snow.

**Maximum wind:** Northeast 10mph gusting 15-20mph.

**Chance of cloud free mountain/hill tops above 600m:** 100%, temporarily 60% in showers.

**Visibility:** Excellent, deteriorating to moderate in showers. Isolated bases between 500-600m in the heavier showers.

**Temperature:** **Valleys:** Minus 3 Celsius increasing to 5 Celsius
**At 600m:** Zero
**Freezing level:** 600m